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#### Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of the claims in the application:

#### **Listing of Claims:**

1. (Currently Amended) A method for dynamic font subsetting, comprising including:

receiving a first request on an intermediate network device from an electronic device for electronic content, the electronic content including a plurality of characters in one or more desired languages;

obtaining the requested electronic content on the intermediate network device from a computer network;

on the intermediate network device, scanning the <u>requested</u> electronic content to identify one or more sets of glyphs in the electronic content used for the plurality of characters in the one or more desired languages;

creating one or more glyph sub-sets for the one or more identified sets of glyphs, wherein the one or more glyph sub-sets include only glyphs identified in the requested electronic content;

on the intermediate network device, responsive to the scanning of the requested electronic content and the creating of the one or more glyph subsets, inserting one or more directives in the requested electronic content to identify the one or more glyph sub-sets needed to display the plurality of characters in the one or more desired languages in the requested electronic content, thereby creating modified electronic content, wherein a directive from the one or more directives identifies a glyph sub-set including a set of glyphs from the one or more sets of glyphs identified in the requested electronic content and an encoding scheme used to encode the set of glyphs; and sending the modified electronic content to the electronic device.

- 2. (Currently Amended) A computer readable medium having stored therein instructions for causing a central processing unit for executing the method of <u>claim Claim 1</u>.
- 3. (Currently Amended) The method of <u>claim Claim 1</u> wherein the <u>step of receiving a of the</u> first request on an intermediate network device from an electronic device for electronic content

includes receiving a request for electronic content written in a mark-up language including standard generalized markup language, hyper text markup language, compact hyper text markup language, extensible markup language, handheld device markup language, voice extensible markup language, or wireless markup language Standard Generalized Markup Language, Hyper Text Markup Language, eXtensible Markup Language, Handheld Device Markup Language, Voice Extensible Markup Language, or Wireless Markup Language.

- 4. (Currently Amended) The method of <u>claim Claim</u> 1 wherein the <u>step or</u> creating <u>of the</u> one or more glyph sub-sets includes creating one or more glyph sub-[] sets for Chinese, Japanese, Korean, Vietnamese, Hebrew or Arabic glyphs.
- 5. (Currently Amended) The method of <u>claim Claim</u> 1 wherein the computer network includes the Internet, an intranet or a local area network.
- 6. (Currently Amended) The method of <u>claim Claim</u> 1 wherein the electronic device includes a personal computer, <u>a</u> wireless telephone, <u>a</u> personal digital assistant, <u>a</u> hand-held computer, <u>a</u> settop box, or <u>a</u> network appliance.
- 7. (Currently Amended) The method of <u>claim Claim</u> 1 wherein the <u>step of</u> inserting <u>of the</u> one or more directives in the requested electronic content includes inserting one or more directives as <u>hyper text markup language meta tags into a hyper text markup language</u> Hyper Text Markup Language META tags into a Hyper Text Markup Language header associated with the requested electronic content.
- 8. (Currently Amended) A method for dynamic font subsetting, eomprising the method including:

receiving one or more requests on an intermediate network device from an electronic device requesting one or more glyph sub-sets needed to display modified electronic content, wherein the one or more requests are generated by the electronic device as a result of one or more

directives inserted into the modified electronic content by the intermediate network device, wherein the one or more directives identifies a glyph sub-set including a set of glyphs identified in the modified electronic content and an encoding scheme used to encode the set of glyphs;

on an intermediate network device, identifying a glyph set in a requested electronic content;

identifying a glyph sub-set from the glyph set, the glyph sub-set including only glyphs identified in the requested electronic content;

inserting one or more directives into the requested electronic content to create modified electronic content, the one or more directives identifying the glyph set and an encoding scheme used to encode the glyph set;

receiving a request on the intermediate network device from an electronic device for the glyph sub-set, the request being generated by the electronic device as a result of the one or more directives;

obtaining the one or more glyph sub-set[s]; and

sending the one or more glyph sub-set[s] to the electronic device to allow the electronic device to display glyphs in the modified electronic content.

- 9. (Currently Amended) A computer readable medium having stored therein instructions for causing a central processing unit for executing the method of Claim claim 8.
- 10. (Currently Amended) The method of Claim claim 8 wherein the step-obtaining of the one or more glyph subset[s] includes obtaining the one or more glyph sets is from a database associated with the intermediate network device.
- 11. (Currently Amended) The method of Claim claim 8 wherein the step of obtaining of the one or more glyph subset[s] includes consulting a database associated with the intermediate network device to determine what if the glyph sub-set[s], if any, may already exists on the electronic device; and

creating one or more the glyph sub-set[s] including sets of glyphs that do if the glyph subset does not already exist on the electronic device needed to display the modified electronic content on the electronic device.

12. (Currently Amended) The method of Claim claim 8 wherein the step of wherein step of the obtaining of the one or more glyph subsets includes

creating a database entry for the electronic device in a database associated with the intermediate <u>network device</u>, wherein the database entry includes an identifier for the electronic device and a <u>list of an identifier for the one or more</u> glyph sub-set[s] sent to the electronic device by the intermediate network device.

- 13. (Currently Amended) The method of <u>claim Claim</u> 8 wherein the <u>step of receiving one or more of the request[s]</u> includes receiving one or more requests for modified electronic content including one or more directives written in a mark-up language including <u>standard generalized markup language</u>, hyper text markup language, compact hyper text markup language, extensible markup language, handheld device markup language, voice extensible markup language, or <u>wireless markup language</u> Standard Generalized Markup Language, Hyper Text Markup Language, Compact Hyper Text Markup Language, eXtensible Markup Language, Handheld Device Markup Language, Voice Extensible Markup Language, or Wireless Markup Language.
- 14. (Currently Amended) The method of <u>claim Claim</u> 8 wherein the <u>step of</u> obtaining <del>one or</del> more <u>of the</u> glyph sub-set[s] includes obtaining one or more glyph sub-sets for Chinese, Japanese, Korean, Vietnamese, Hebrew or Arabic glyphs.
- 15. (Currently Amended) A method for dynamic font subsetting, eomprising including: sending a first request from an electronic device to an intermediate network device for electronic content on a computer network;

responsive to the sending of the first request for the electronic content, receiving modified electronic content from the intermediate network device on the electronic device, wherein the modified electronic content is created responsive to the first request and includes one or more

directives, wherein a directive identifies a glyph sub-set including a set of glyphs identified in the modified electronic content and an encoding scheme used to encode the set of glyphs;

processing the modified electronic content, thereby identifying the one or more directives; sending a plurality of second requests to the intermediate network device based on the one or more identified directives to request one or more glyph sub-sets to allow the electronic device to display the modified electronic content; and

receiving one or more glyph sub-sets from the intermediate network device; and displaying the modified electronic content using the one or more glyph sub-sets.

- 16. (Original) A computer readable medium having stored therein instructions for causing a central processing unit to execute the method of claim 15.
- 17. (Currently Amended) The method of <u>claim Claim</u> 15 wherein the electronic device includes personal computers, wireless telephones, personal digital assistants, hand-held computers, set-top boxes or network appliances.
- 18. (Currently Amended) The method of <u>claim Claim 15</u> wherein the step of receiving modified electronic content includes receiving modified electronic content with a plurality of font tags written in a mark-up language including <u>standard generalized markup language</u>, <u>hyper text markup language</u>, compact hyper text markup language, extensible markup language, handheld device markup language, voice extensible markup language, or wireless markup language

  Standard Generalized Markup Language, Hyper Text Markup Language, Compact Hyper Text Markup Language, eXtensible Markup Language, Handheld Device Markup Language, Voice Extensible Markup Language, or Wireless Markup Language.
- 19. (Currently Amended) The method of <u>claim Claim</u> 15 wherein the step of receiving one or more glyph sub-sets from the intermediate network device includes receiving one or more glyph sub-sets including Chinese, Japanese, Korean, Vietnamese, Hebrew or Arabic glyphs.
- 20. (Currently Amended) The method of <u>claim Claim</u> 15 wherein the step of processing the modified electronic

content, includes identifying one or more directives as <u>hyper text markup language meta tags into</u>

<u>a hyper text markup language</u> Hyper Text Markup Language META tags into a Hyper Text

Markup Language header associated with the modified electronic content.

- 21. (Currently Amended) The method of <u>claim Claim</u> 15 wherein the electronic device includes a personal computer, wireless telephone, personal digital assistant, hand-held computer, set-top box, or network appliance.
- 22. (Currently Amended) A method for dynamic font sub setting, comprising including:

reading <u>modified</u> electronic content from local storage on an electronic device, wherein the <u>modified</u> electronic content includes one or more directives, wherein a directive <u>from the one</u> or <u>more directives</u> identifies a glyph sub-set including a set of glyphs identified in <u>requested</u> electronic content and an encoding scheme used to encode the set of glyphs;

processing the <u>modified</u> electronic content on the electronic device, thereby identifying the one or more directives, the directives being inserted in the requested electronic content to create the modified electronic content;

determining from the one or more directives whether a desired glyph sub-set can be obtained from local storage on the electronic device, and if not,

sending requests to an intermediate network device to obtain glyph sub-sets that can not be obtained from local storage on the electronic device;

receiving the glyph sub-sets that can not be obtained from local storage from the intermediate network device on the electronic device; and

displaying the <u>modified</u> electronic content on the electronic device using the glyph subsets obtained from the intermediate network device.

- 23. (Currently Amended) A computer readable medium having stored therein instructions for causing a central processing unit to execute the method of <u>claim Claim</u> 22.
- 24. (Currently Amended) The method of <u>claim Claim</u> 22 wherein the one or more glyph sub-sets include Chinese, Japanese, Korean, Vietnamese, Hebrew or Arabic glyphs.

- 25. (Currently Amended) The method of <u>claim Claim</u> 22 wherein the step of processing the electronic content, includes identifying one or more directives as <u>hyper text markup language</u> meta tags into a hyper text markup language Hyper Text Markup Language META tags into a Hyper Text Markup Language header associated with the modified electronic content.
- 26. (Currently Amended) The method of <u>claim Claim</u> 22 wherein the electronic device includes a personal computer, wireless telephone, personal digital assistant, hand-held computer, set-top box, or network appliance.

#### 27. (Currently Amended) The method of <u>claim</u> 22 further comprising:

determining from the one or more directives <u>in the modified electronic content</u> whether a desired glyph sub-set can be obtained from local storage on the electronic device, and if so,

displaying the <u>modified</u> electronic content on the electronic device using the one or more glyph sub-sets obtained from local storage.

## 28. (Currently Amended) A dynamic font subsetting system, comprising in combination including:

a plurality of directives for identifying a glyph sub-set including a set of glyphs identified in electronic content and an encoding scheme used to encode the set of glyphs, wherein the set of glyphs are used to display a plurality of characters in one or more desired languages for the electronic content;

modified electronic content <u>created responsive to a request for the electronic content and</u> including one or more directives for identifying one or more glyph sub-sets, the one or more glyph sub-sets including sets of glyphs identified in the electronic content and encoding schemes used to encode the sets of glyphs; and

an electronic device for displaying <u>the modified</u> electronic content <u>including one or more</u> <u>directives</u>, wherein the electronic device has <u>limited</u> resources <u>insufficient to ean not</u> store all glyphs for all characters in a desired language.

29. (Currently Amended) The dynamic font subsetting system of <u>claim Claim 28</u> further <u>comprising: including an intermediate network device for receiving adapted to</u>

a first request on an intermediate network device from an electronic device for the electronic content including a plurality characters in one or more desired languages, obtaining the requested electronic content on the intermediate network device from a computer network, scanning the electronic content to identify one or more sets of glyphs in the electronic content used for the plurality of characters in the one or more desired languages, creating one or more glyph sub-sets for the one or more identified sets of glyphs, wherein the one or more glyph sub-sets include only glyphs identified in the requested electronic content, inserting one or more directives in the requested electronic content to identify the one or more glyph sub-sets needed to display the plurality of characters in the one or more desired languages in the requested electronic content, thereby creating modified electronic content, wherein a directive identifies a glyph sub-set including a set of glyphs identified in the electronic content and an encoding scheme used to encode the set of glyphs, sending the modified electronic content to the electronic device; and for obtaining one or more glyph sub-sets for an electronic device and sending the one or more glyph sub-sets to the electronic device to allow the electronic device to display glyphs in the modified electronic content

receive a first request on the intermediate network device from an electronic device for the electronic content, the electronic content including a plurality characters in one or more desired languages,

obtain the requested electronic content on the intermediate network device from a computer network,

scan the electronic content to identify one or more sets of glyphs in the electronic content used for the plurality of characters in the one or more desired languages,

create one or more glyph sub-sets for the one or more identified sets of glyphs, wherein the one or more glyph sub-sets include only glyphs identified in the requested electronic content,

insert one or more directives in the requested electronic content to identify the one or more glyph sub-sets needed to display the plurality of characters in the one or more desired languages in the requested electronic content, thereby creating the modified electronic content, wherein a directive identifies a glyph sub-set including a set of glyphs identified in the electronic content and an encoding scheme used to encode the set of glyphs,

send the modified electronic content to the electronic device, and
obtain for obtaining one or more glyph sub-sets for an electronic device and send
the one or more glyph sub-sets to the electronic device to allow the electronic device to
display glyphs in the modified electronic content.

30. (Currently Amended) The dynamic font subsetting system of <u>claim Claim 29 further</u> eomprising including:

a database associated with the intermediate network device for storing one or more glyph sub-sets including sets of glyphs obtained or created by the intermediate network device needed to display the modified electronic content on the electronic device and for storing database entries for a plurality of electronic devices wherein the database entries include an identifier for the electronic device and a list of one or more glyph sub-sets obtained or created by the intermediate network device for the electronic device.